FIG.1

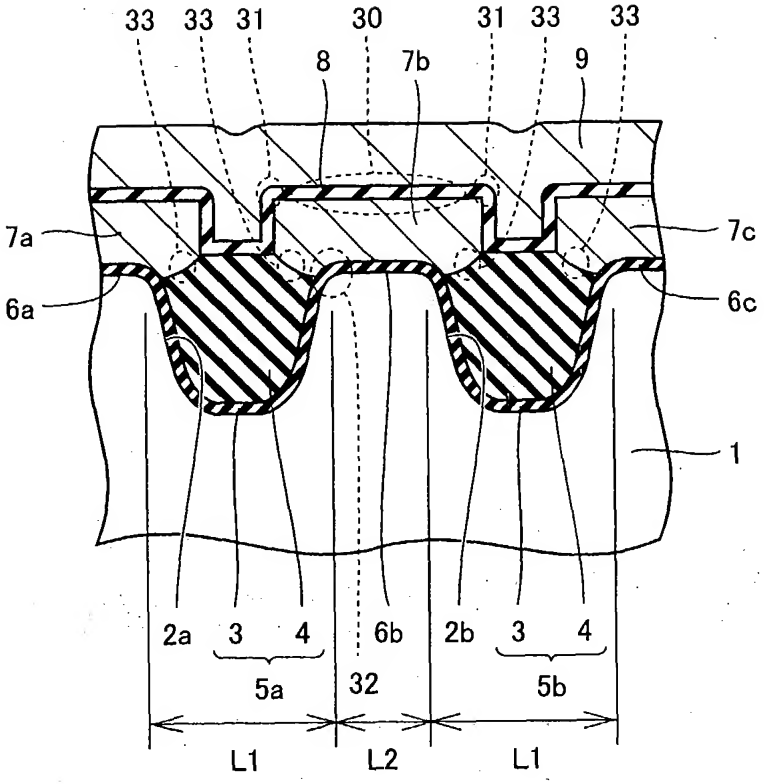
33
33
31
30
31
33
33
8
7b
9
7a
7c
6a
6c
1
2a
3
4
6b
2b
3
4
5a
32
5b
L1
L2
L1

FIG.2

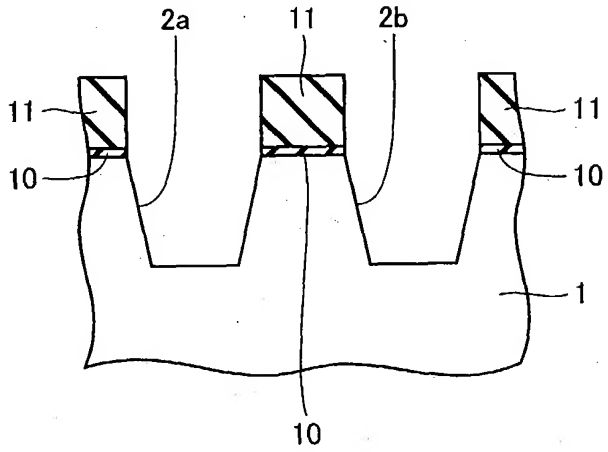
2a
11
2b
11
11
10
10
1
10

FIG.3

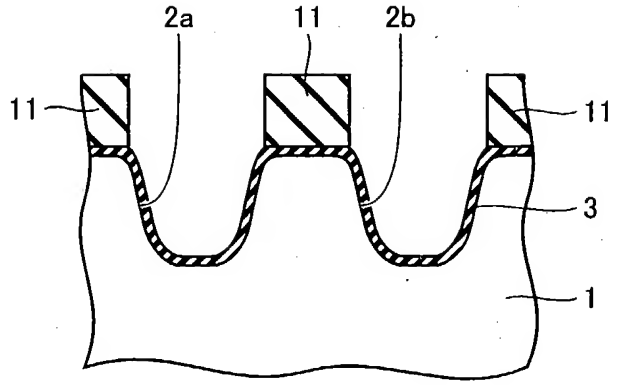

FIG.4

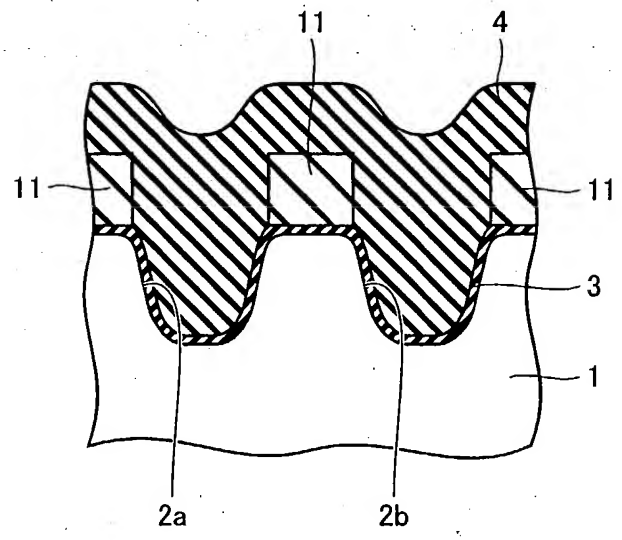

FIG.5

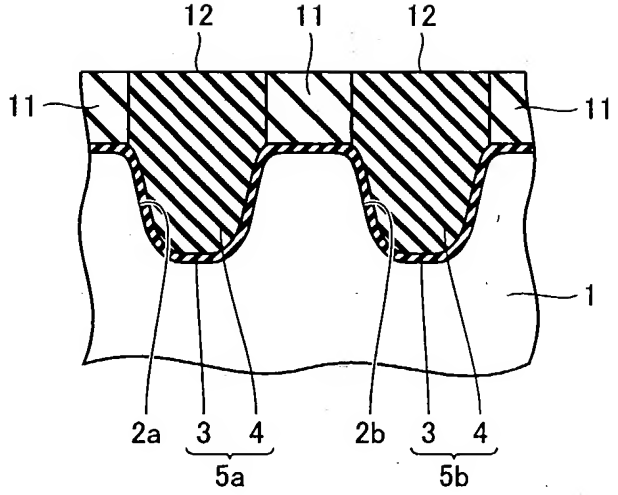

FIG.6

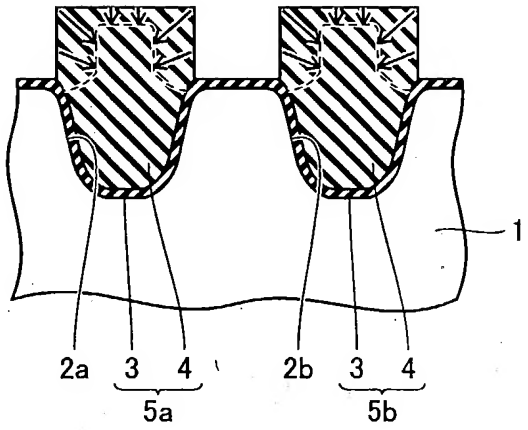

FIG.7

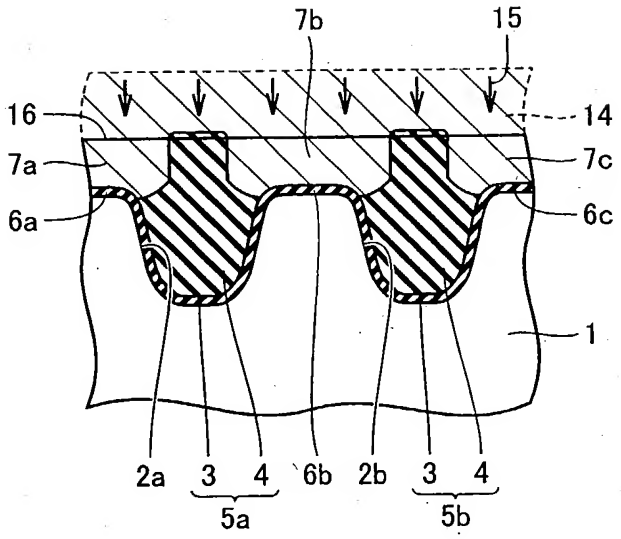
7b
15
16
14
7a
7c
6a
6c
1
2a
3
4
6b
2b
3
4
5a
5b

FIG.8

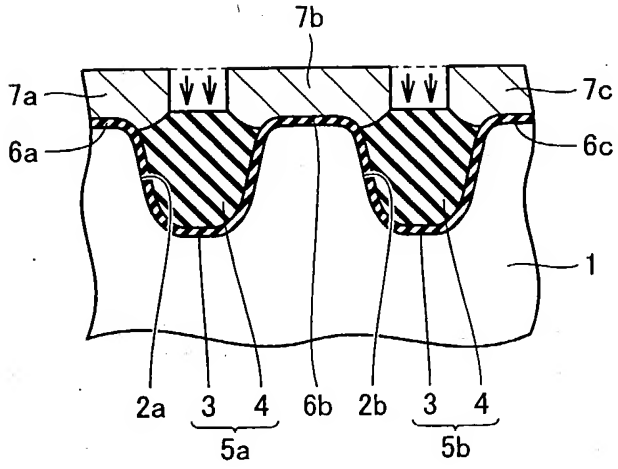
7b
7a
7c
6a
6c
1
2a
3
4
6b
2b
3
4
5a
5b

FIG.9

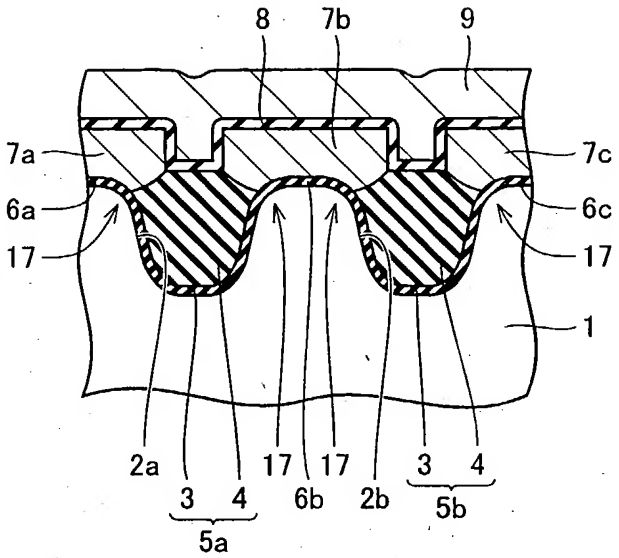

FIG.10

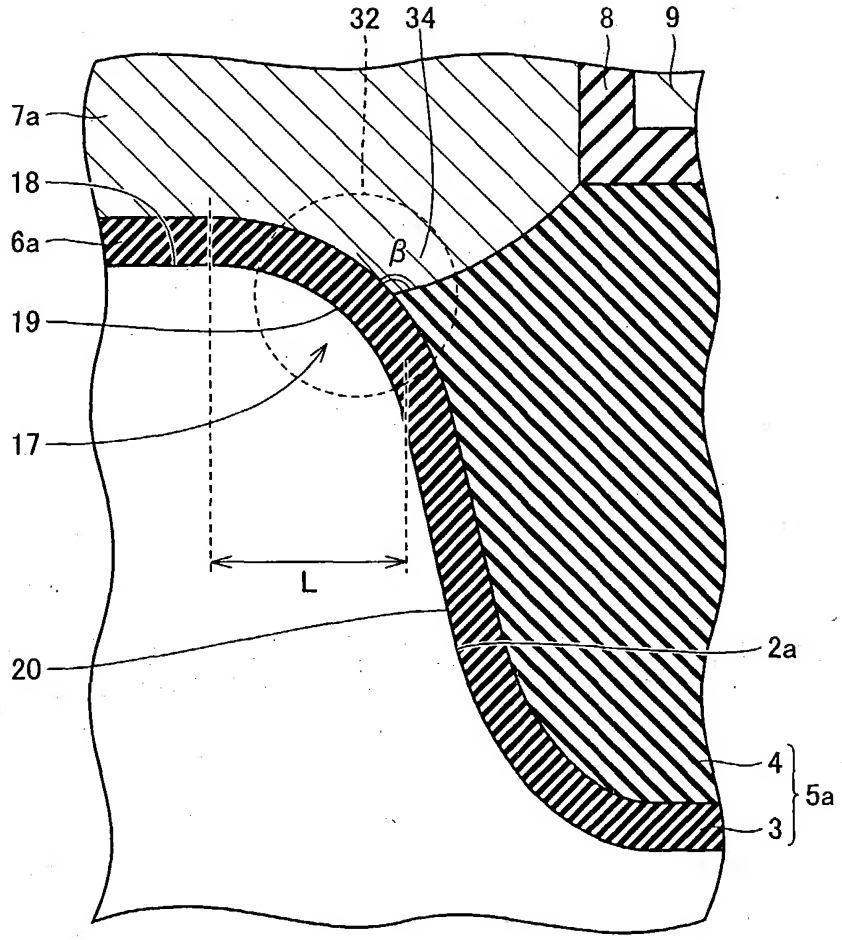

FIG.11

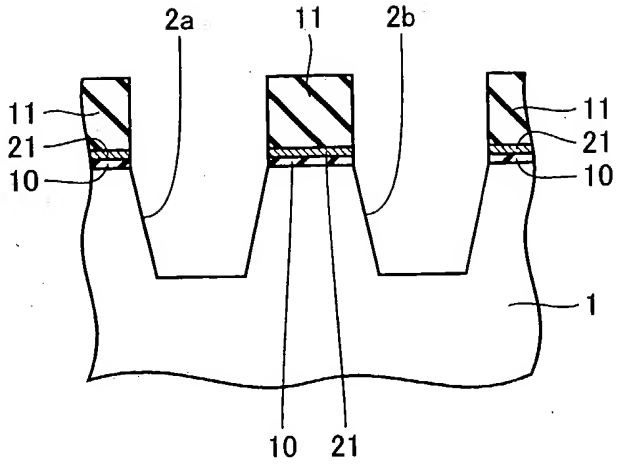

FIG.12

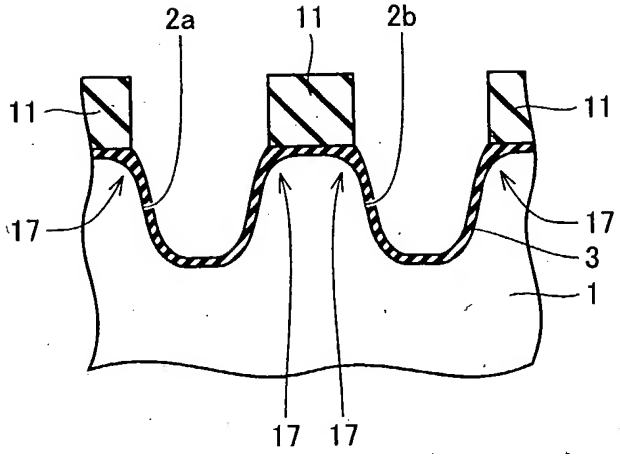

FIG.13

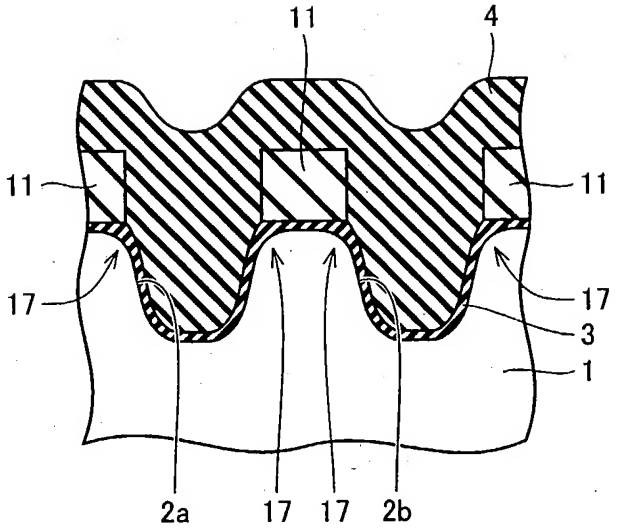
11
4
11
11
17
17
3
1
2a
17
17
2b

FIG.14

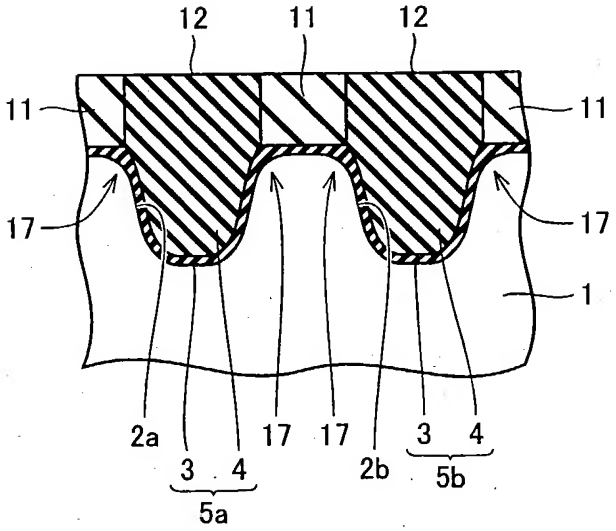
12
11
12
11
11
17
17
1
2a
3
4
17
17
2b
3
4
5a
5b

FIG.15

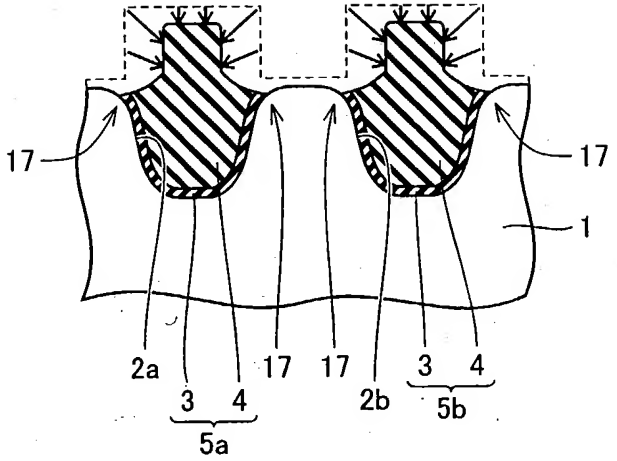
17
17
1
2a
3
4
17
17
2b
3
4
5b
5a

FIG.16

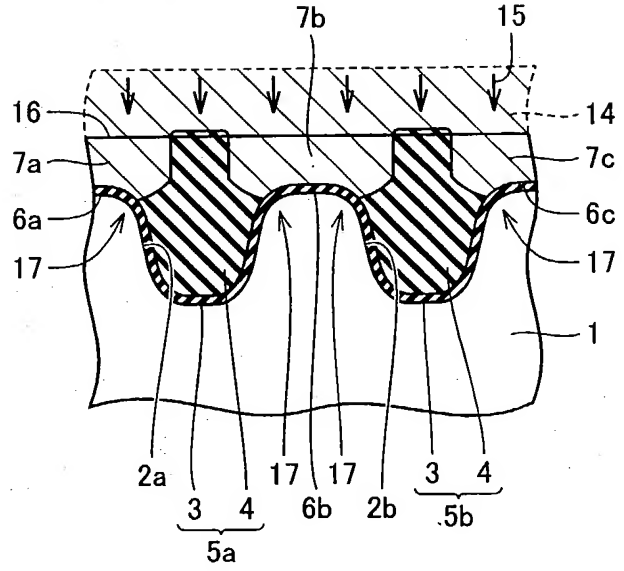
7b
15
16
14
7a
7c
6a
6c
17
17
1
2a
3
4
17
6b
17
2b
3
4
5b
5a

FIG.17

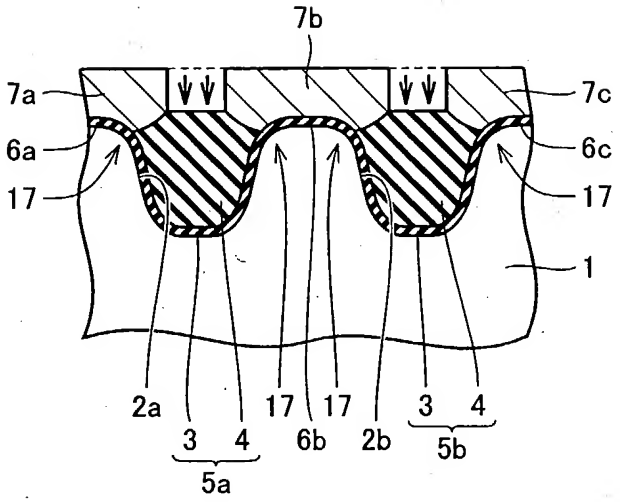
7b
7a
7c
6a
6c
17
17
1
2a
3
4
17
6b
17
2b
3
4
5a
5b

FIG.18

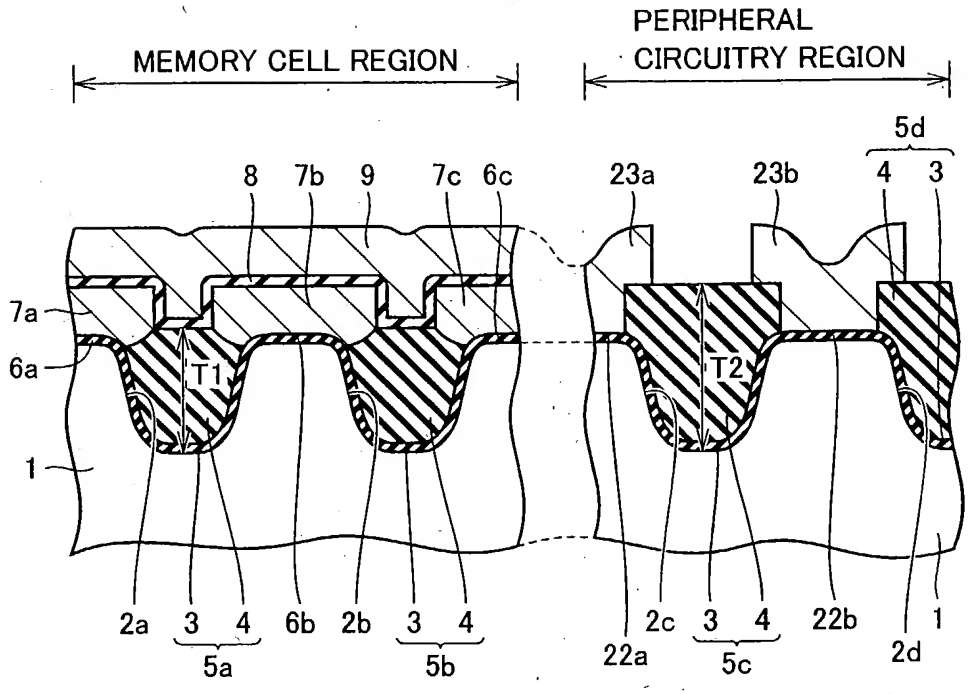
MEMORY CELL REGION
PERIPHERAL CIRCUITRY REGION
5d
8
7b
9
7c
6c
23a
23b
4
3
7a
6a
T1
T2
1
2a
3
4
6b
2b
3
4
2c
3
4
22b
1
22a
2d
5a
5b
5c

FIG.19

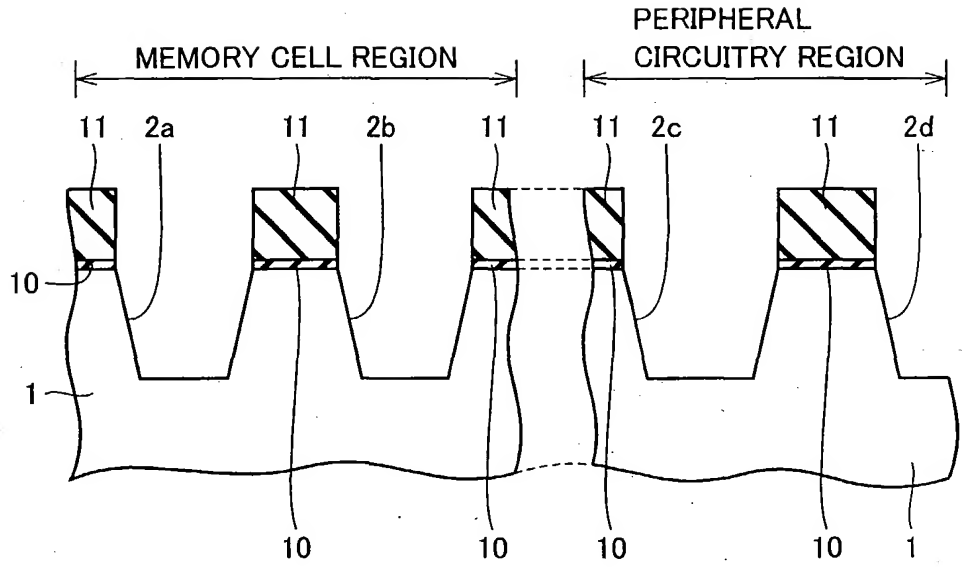
MEMORY CELL REGION
PERIPHERAL
CIRCUITRY REGION
11
2a
11
2b
11
11
2c
11
2d
10
1
10
10
10
10
1

FIG.20

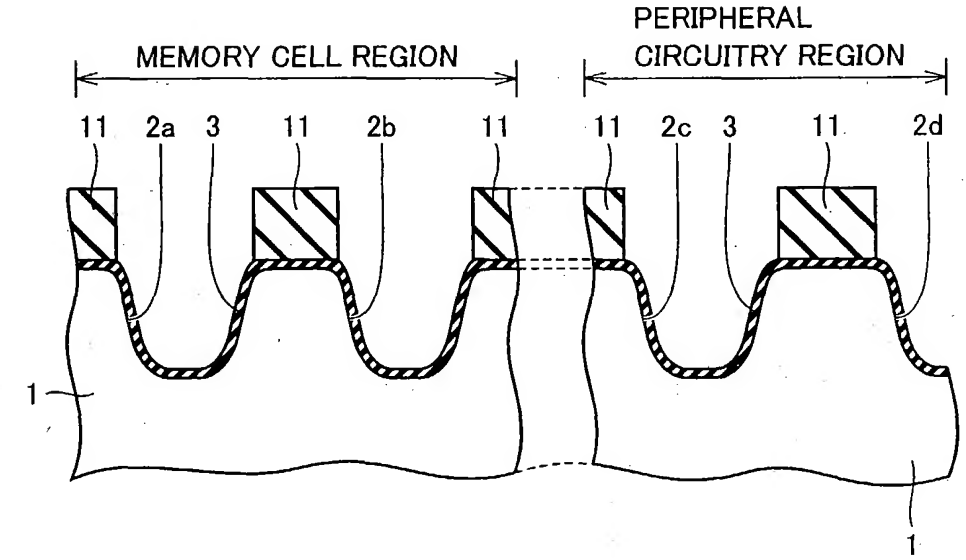
MEMORY CELL REGION
PERIPHERAL
CIRCUITRY REGION
11
2a
3
11
2b
11
11
2c
3
11
2d
1
1

FIG.21

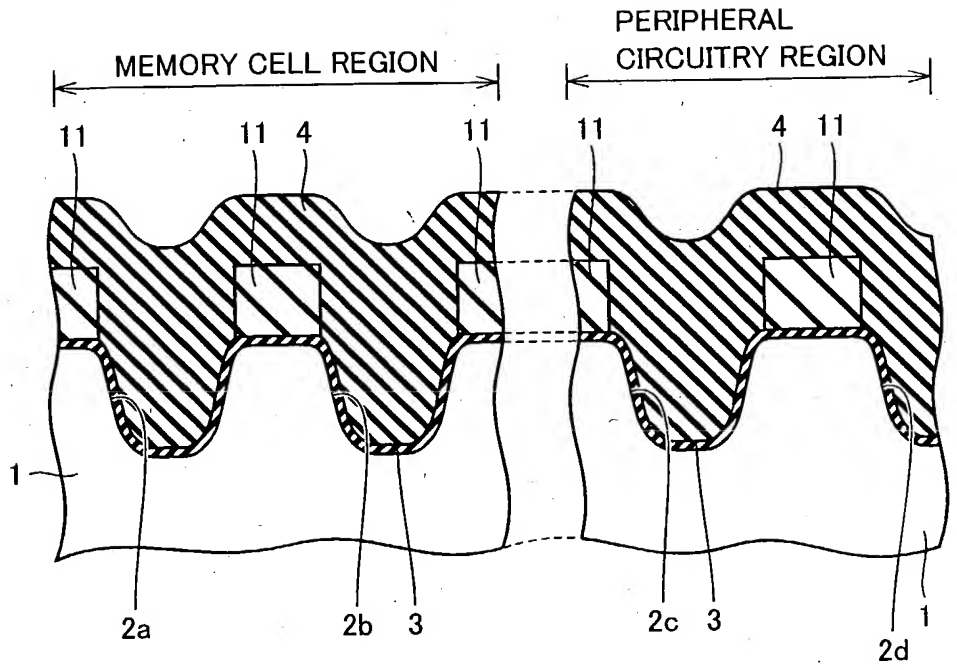
MEMORY CELL REGION
PERIPHERAL CIRCUITRY REGION
11
11
4
11
11
4
11
1
2a
2b
3
2c
3
1
2d

FIG.22

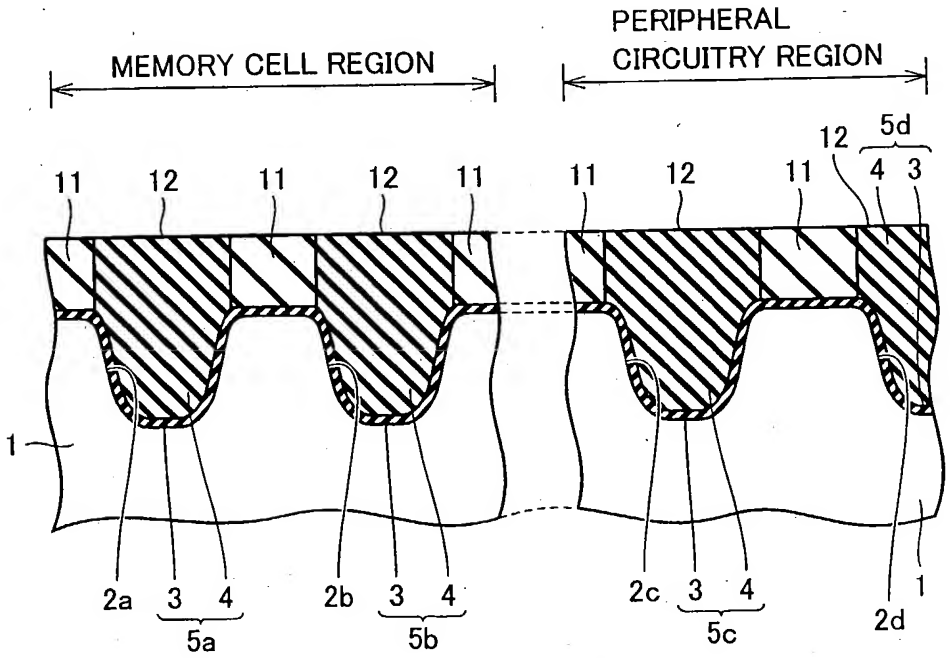
MEMORY CELL REGION
PERIPHERAL CIRCUITRY REGION
11
12
11
12
11
11
12
11
12
5d
4
3
1
2a
3
4
5a
2b
3
4
5b
2c
3
4
5c
2d
1

FIG.23

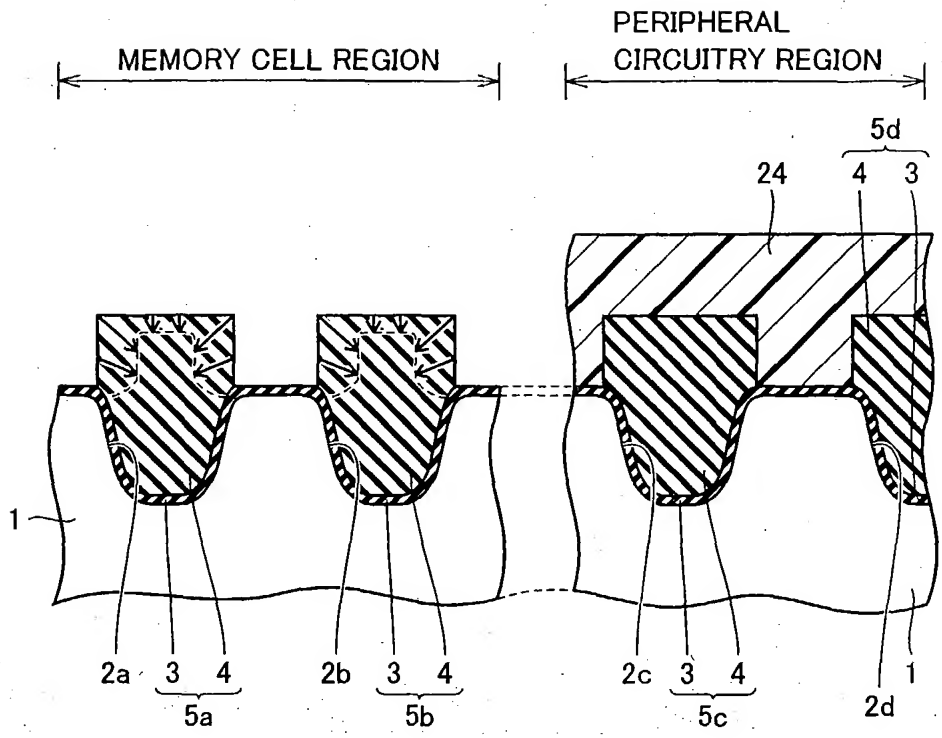
MEMORY CELL REGION
PERIPHERAL CIRCUITRY REGION
5d
24
4
3
1
2a
3
4
5a
2b
3
4
5b
2c
3
4
5c
2d
1

FIG.24

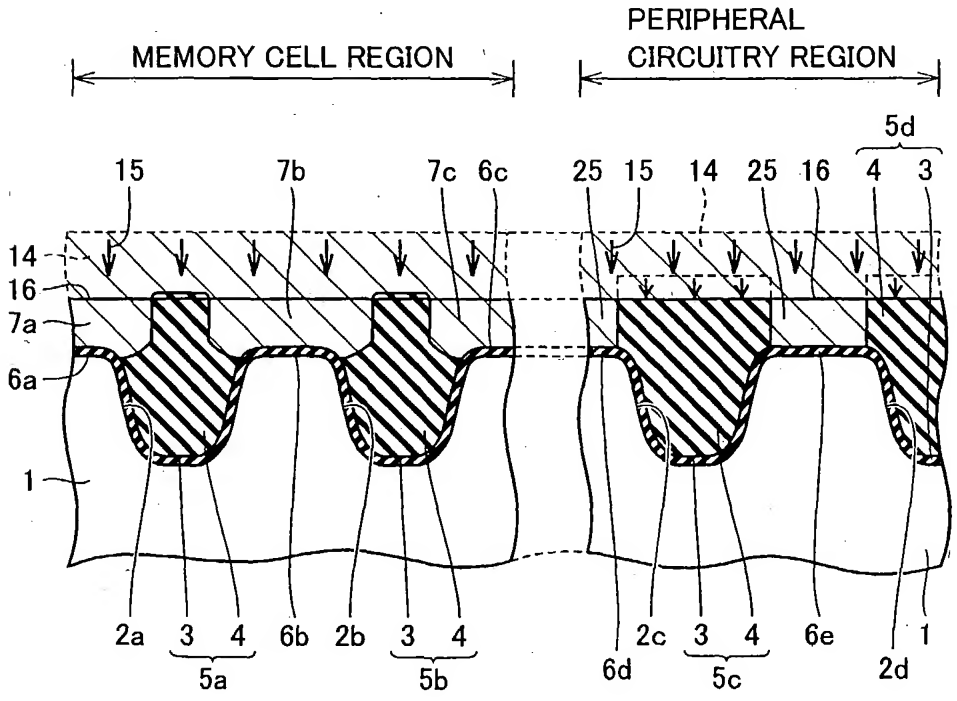
MEMORY CELL REGION
PERIPHERAL CIRCUITRY REGION
5d
15
7b
7c
6c
25
15
14
25
16
4
3
14
16
7a
6a
1
2a
3
4
5a
6b
2b
3
4
5b
6d
2c
3
4
5c
6e
2d
1

FIG.25

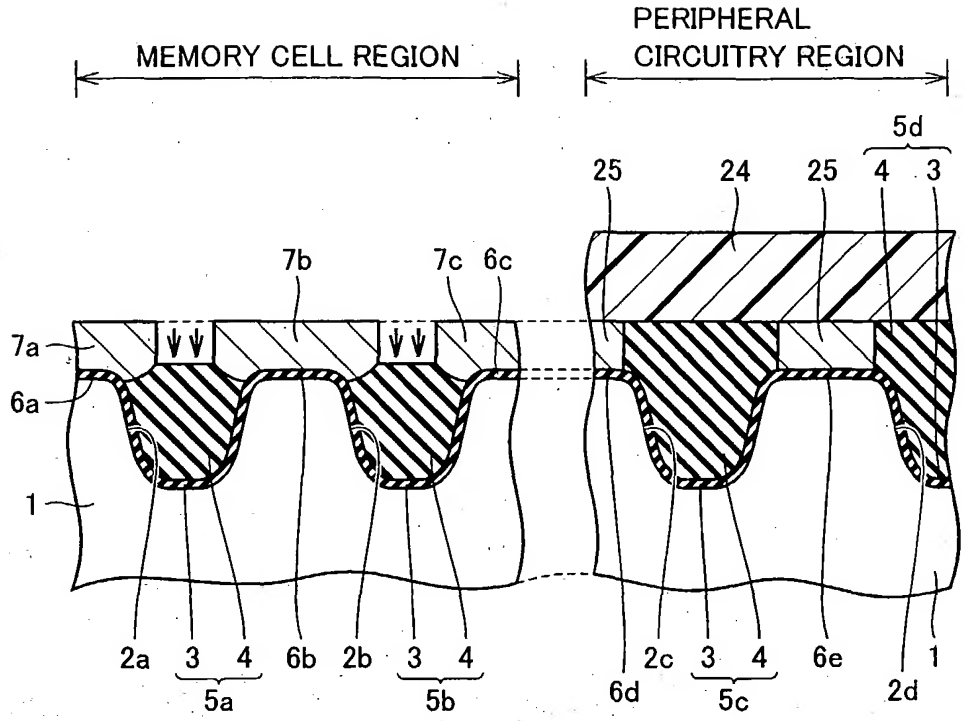
MEMORY CELL REGION
PERIPHERAL CIRCUITRY REGION
5d
25
24
25
4
3
7b
7c
6c
7a
6a
1
2a
3
4
6b
2b
3
4
6d
2c
3
4
6e
1
2d
5a
5b
5c

FIG.26

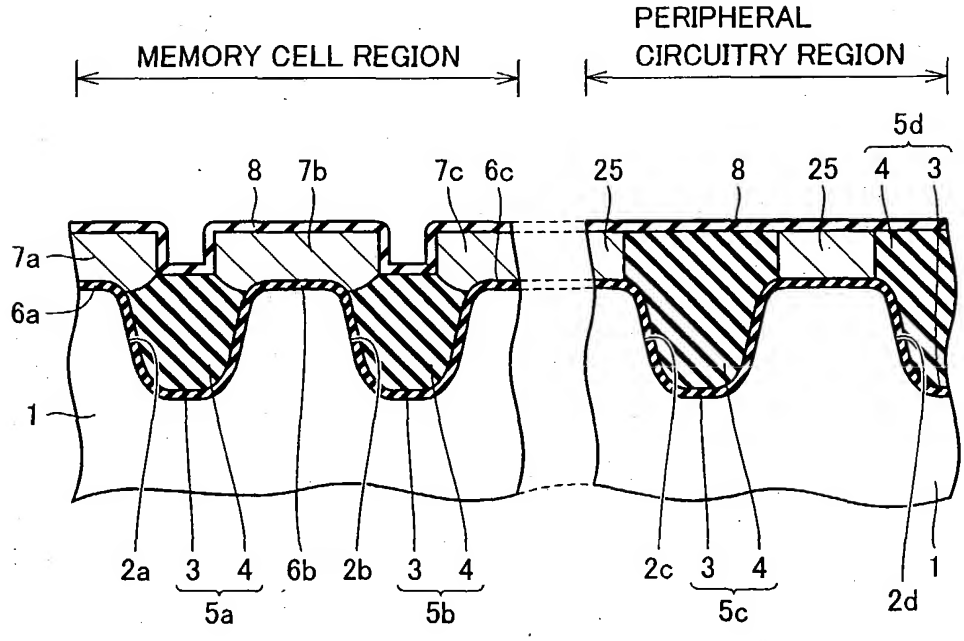
MEMORY CELL REGION
PERIPHERAL CIRCUITRY REGION
5d
8
7b
7c
6c
25
8
25
4
3
7a
6a
1
2a
3
4
6b
2b
3
4
2c
3
4
1
2d
5a
5b
5c

FIG.27

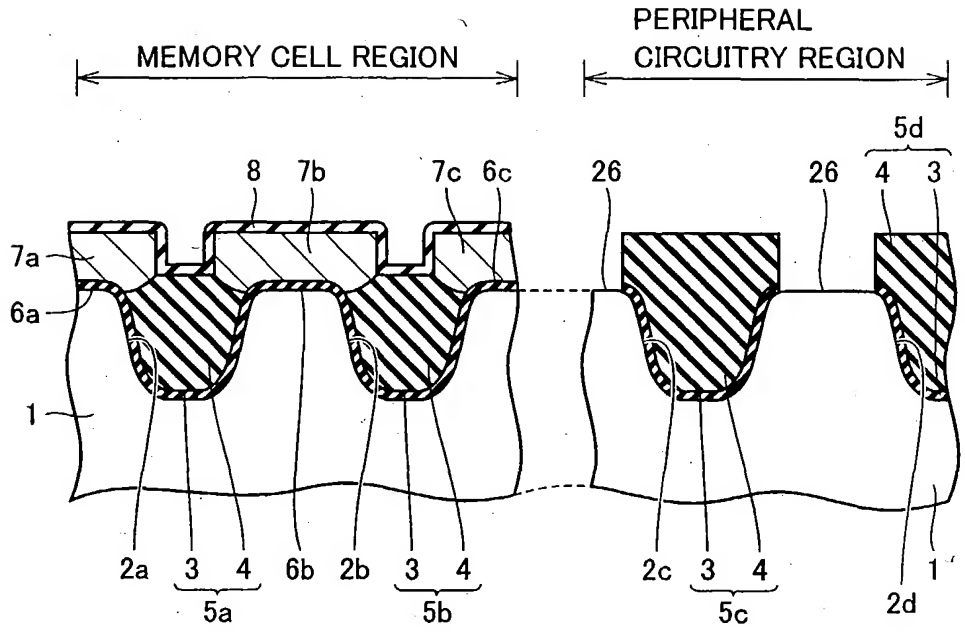
MEMORY CELL REGION
PERIPHERAL CIRCUITRY REGION
8
7b
7c
6c
26
26
5d
4
3
7a
6a
1
2a
3
4
6b
2b
3
4
2c
3
4
1
2d
5a
5b
5c

FIG.28

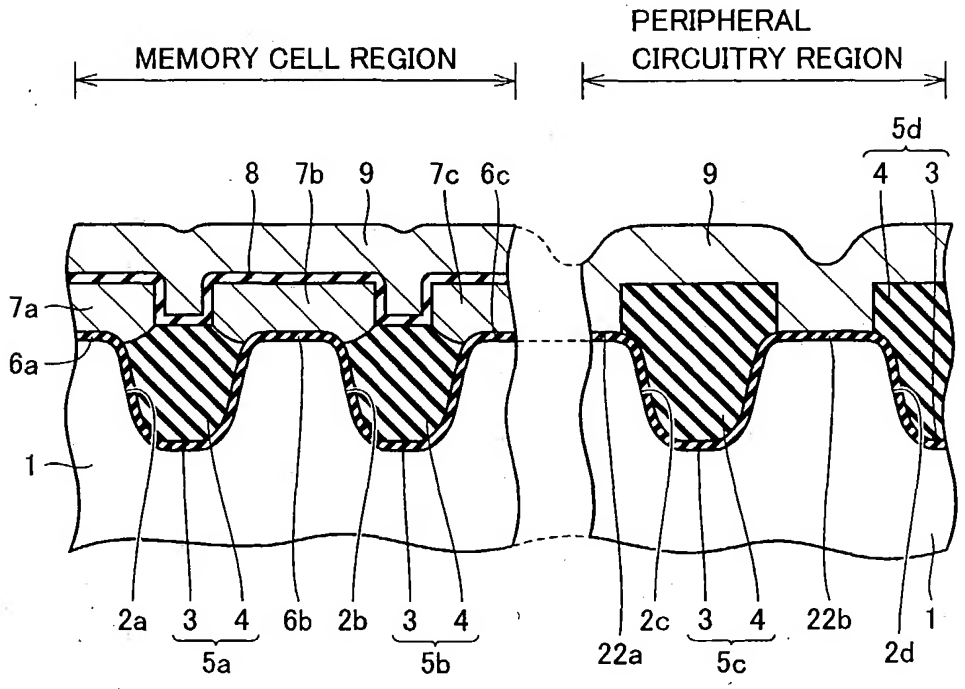
MEMORY CELL REGION
PERIPHERAL CIRCUITRY REGION
8
7b
9
7c
6c
9
5d
4
3
7a
6a
1
2a
3
4
6b
2b
3
4
22a
2c
3
4
22b
1
2d
5a
5b
5c

FIG.29

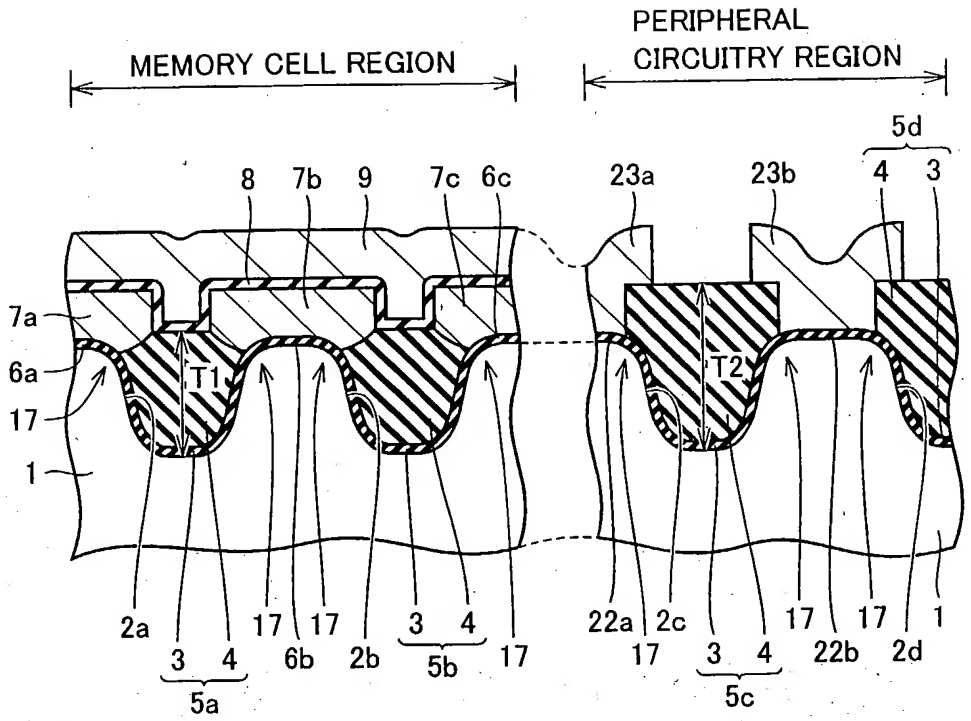
MEMORY CELL REGION
PERIPHERAL CIRCUITRY REGION
8
7b
9
7c
6c
23a
23b
5d
4
3
7a
6a
17
1
T1
T2
2a
3
4
17
17
6b
2b
3
4
5b
17
22a
2c
17
3
4
17
22b
17
2d
1
5a
5c

FIG.30

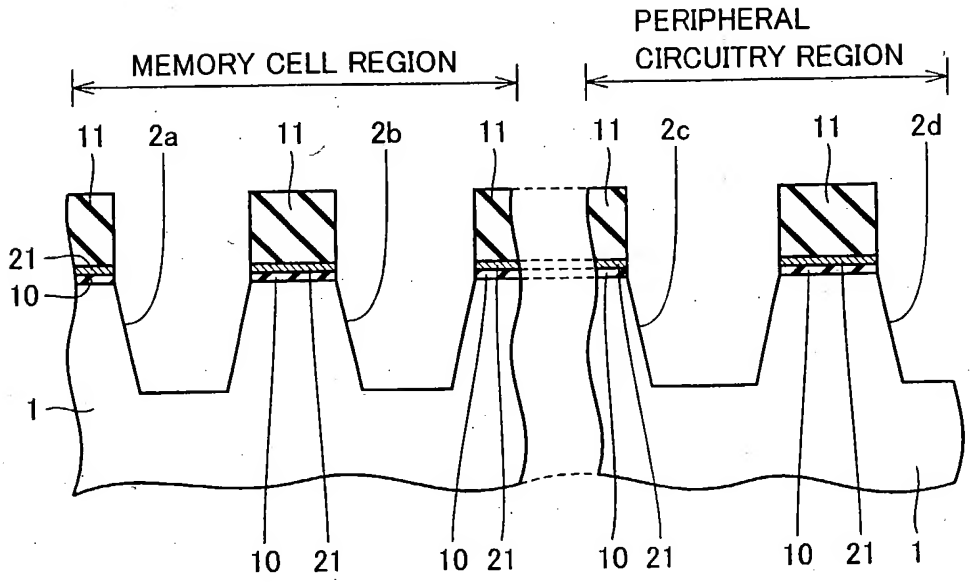
MEMORY CELL REGION
PERIPHERAL CIRCUITRY REGION
11
2a
11
2b
11
11
2c
11
2d
21
10
1
10
21
10
21
10
21
10
21
1

FIG.31

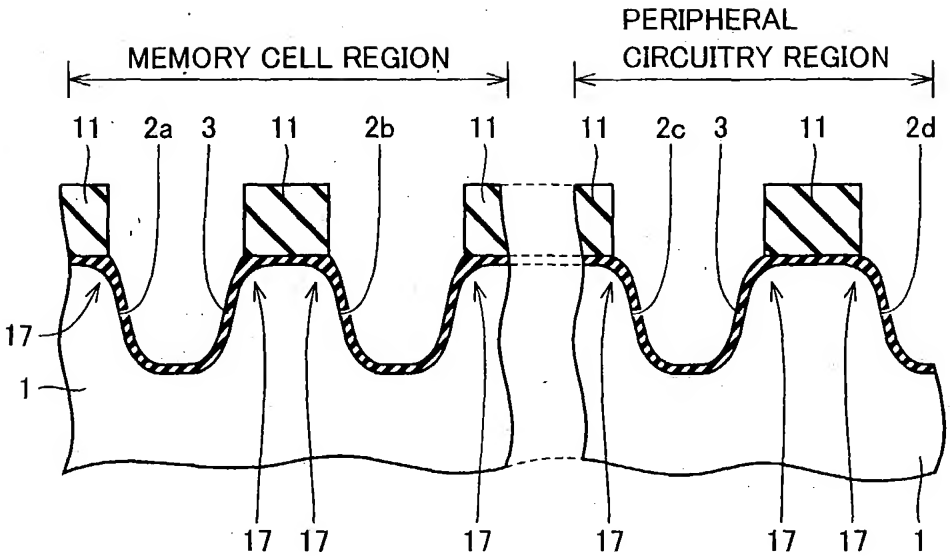
MEMORY CELL REGION
PERIPHERAL CIRCUITRY REGION
11
2a
3
11
2b
11
11
2c
3
11
2d
17
1
17
17
17
17
17
17
1

FIG.32

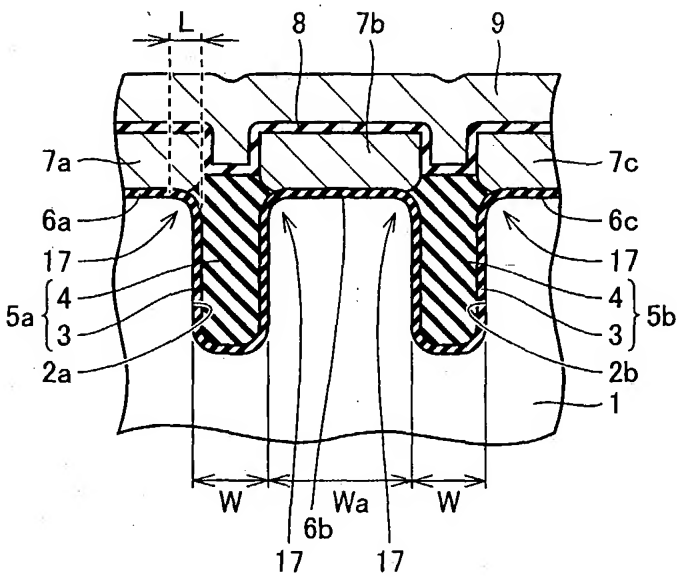
L
8
7b
9
7a
7c
6a
6c
17
17
5a
4
3
4
3
5b
2a
2b
1
W
Wa
W
6b
17
17

FIG.33

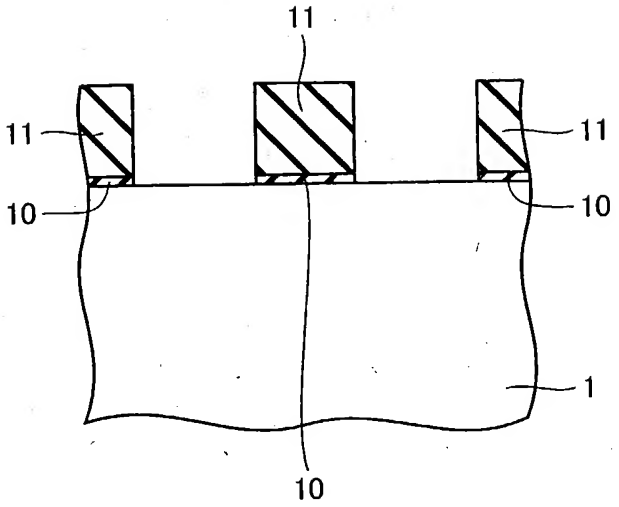

FIG.34

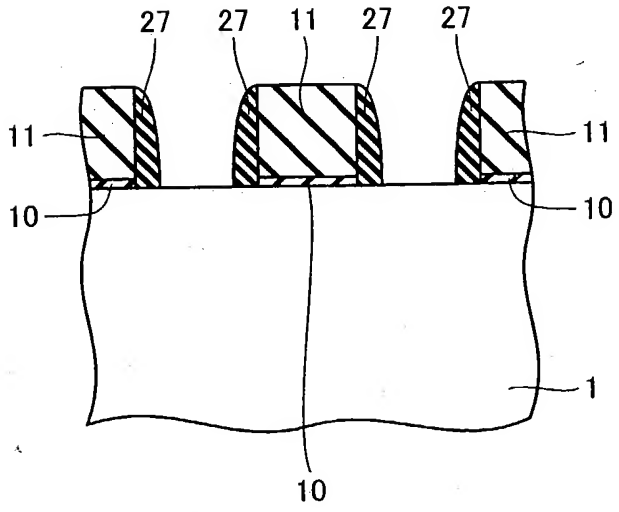

FIG.35

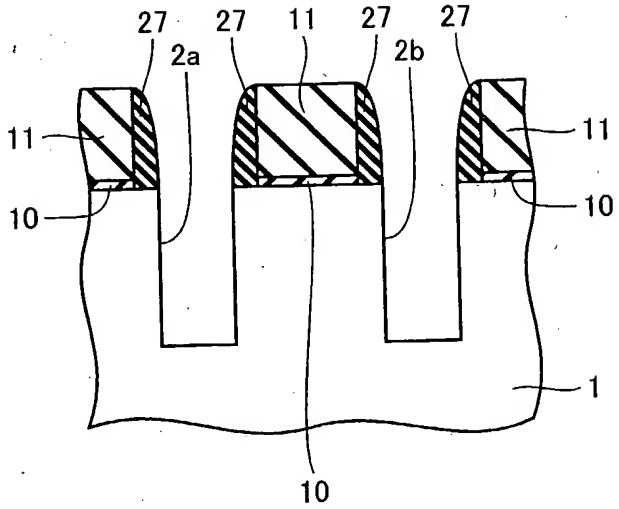
27
27
11
27
27
2a
2b
11
11
10
10
1
10

FIG.36

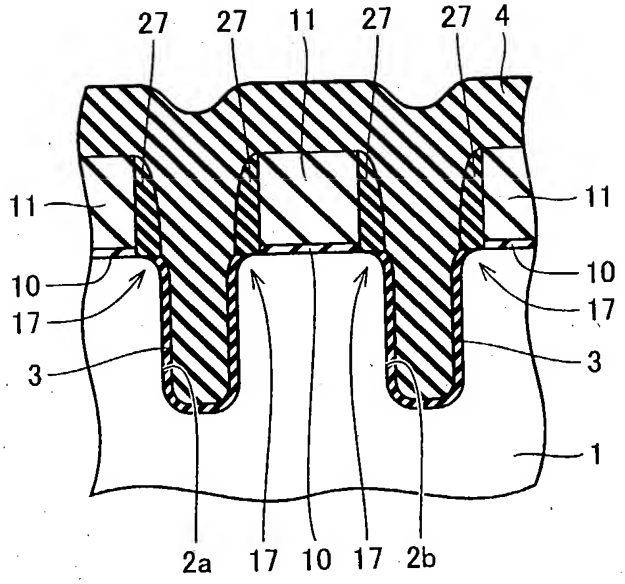
27
27
11
27
27
4
11
11
10
10
17
17
3
3
1
2a
17
10
17
2b

FIG.37

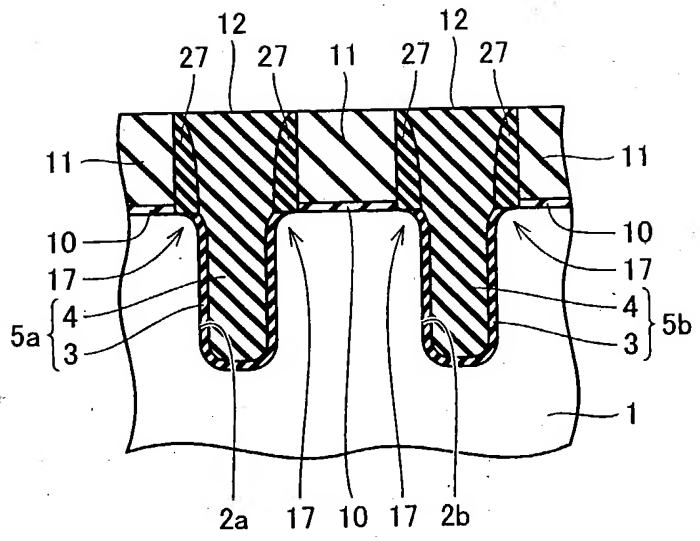
12
27
27
11
27
12
27
11
11
10
17
5a
4
3
10
17
4
3
5b
1
2a
17
10
17
2b

FIG.38

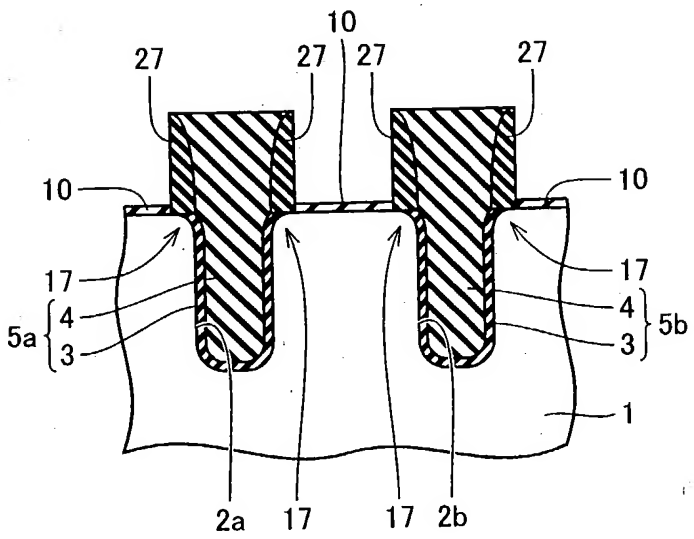
10
27
27
27
27
10
10
17
5a
4
3
17
4
3
5b
1
2a
17
17
2b

FIG.39

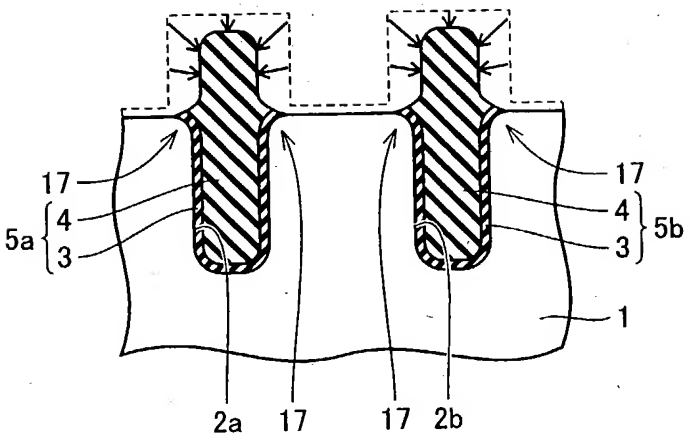
17
5a
4
3
17
4
3
5b
1
2a
17
17
2b

FIG.40

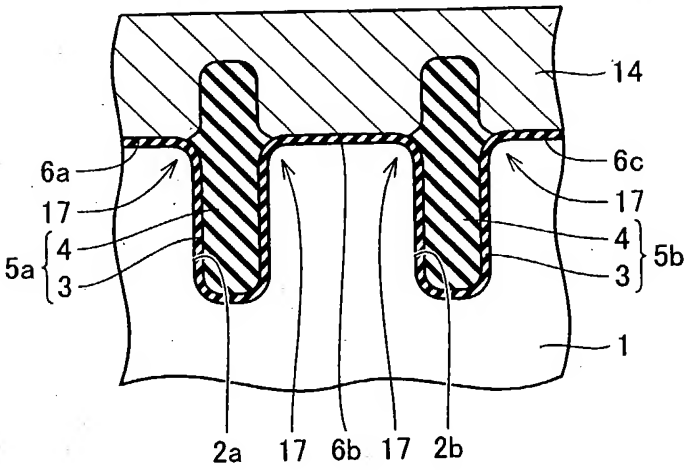
14
6a
17
5a
4
3
6c
17
4
3
5b
1
2a
17
6b
17
2b

FIG.41

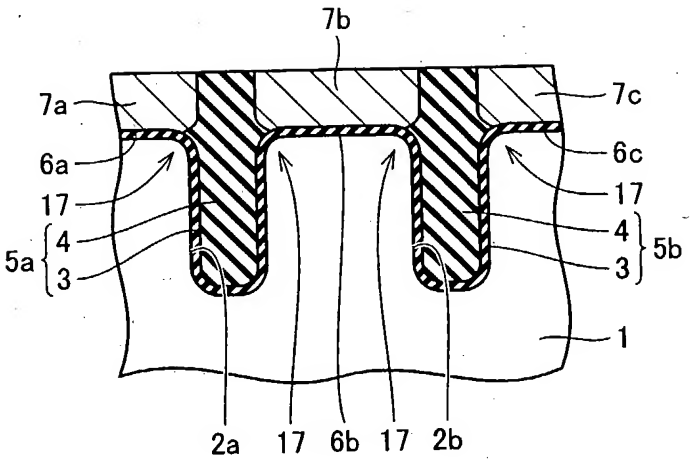
7b
7a
7c
6a
6c
17
17
4
5a
4
5b
3
3
1
2a
17
6b
17
2b

FIG.42

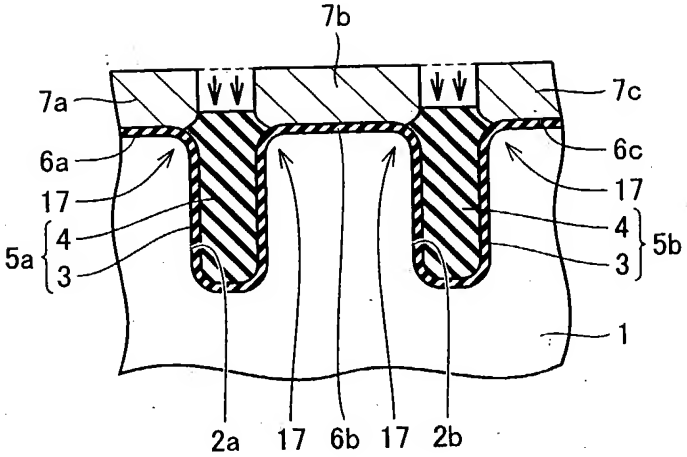
7b
7a
7c
6a
6c
17
17
4
5a
4
5b
3
3
1
2a
17
6b
17
2b

FIG.43

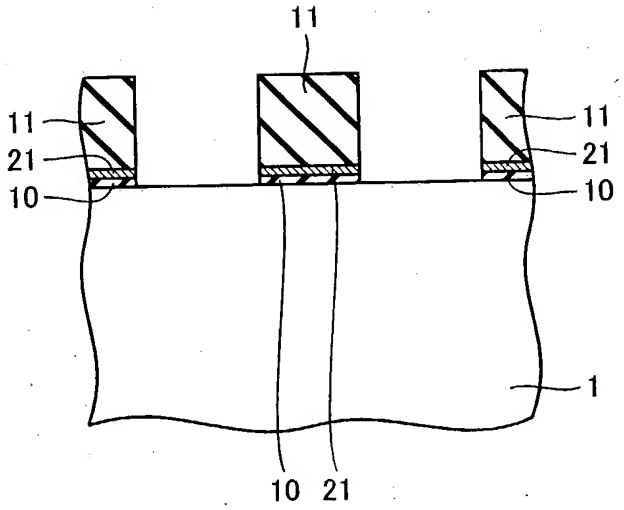

FIG.44

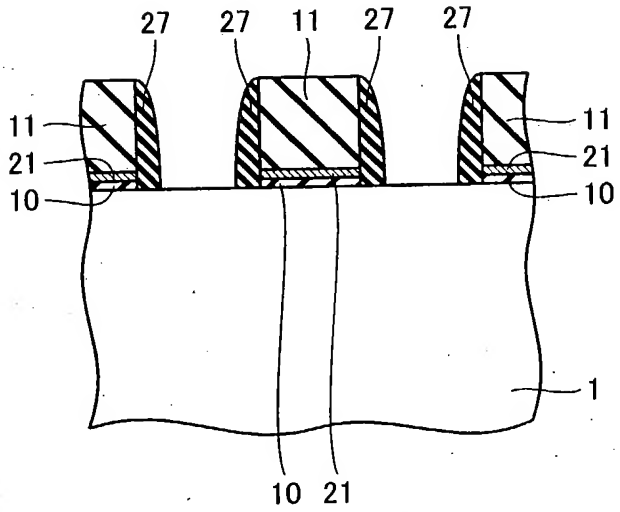

FIG.45

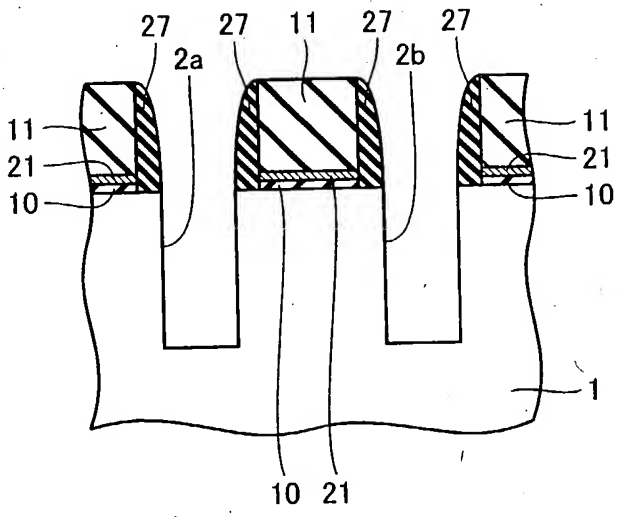
27
27
11
27
27
2a
2b
11
21
10
11
21
10
1
10
21

FIG.46

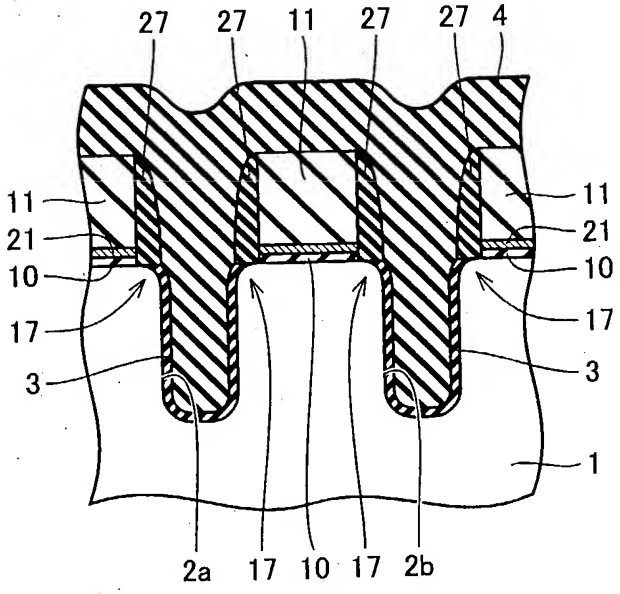
27
27
11
27
27
4
11
21
10
17
3
11
21
10
17
3
1
2a
17
10
17
2b

FIG.47

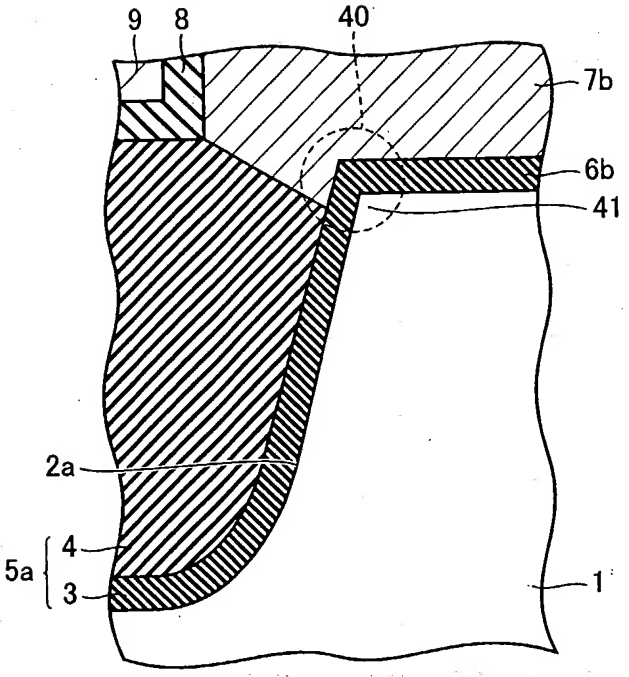

FIG.48

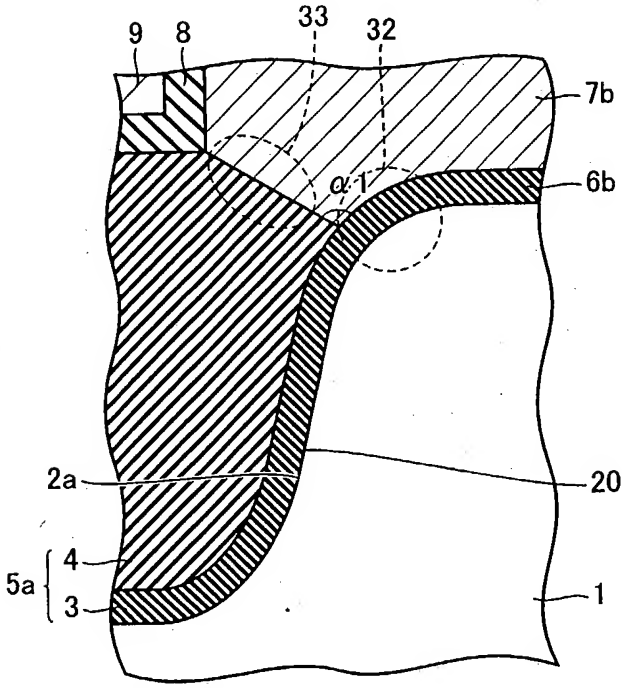

FIG.49